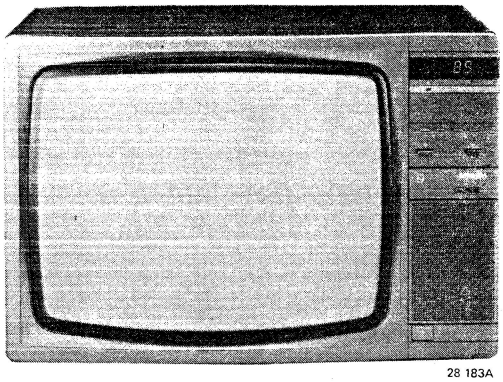
Colour television

02R/02Z/08Z/10Z

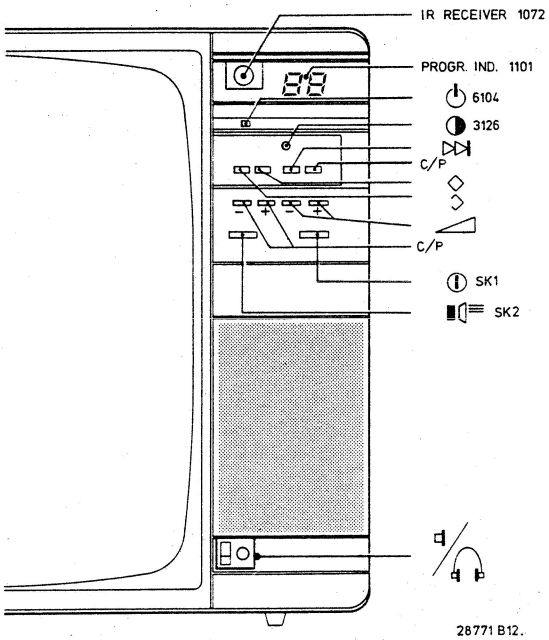
Service
Service
Service



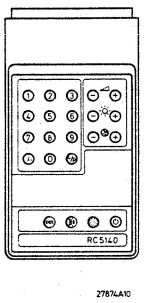
28 183A

Service Manual

SYSTEM 4
CHASSIS KT4



28771 B12.



27874A10

RC 5140

220-240 V (±10%)
55 W

75 Ω coax.

A51-570X

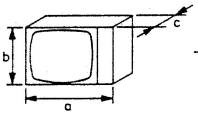
15 Ω/5 W

6.3mm

8-600 Ω

180°

max. 2 V



axbxc
599x415x462 mm

	UV412 UV414	UV416
VHFa:	44- 88 MHz	47-111 MHz
VHFb:	162-230 MHz	111-293 MHz
UHF :	470-860 MHz	470-860 MHz

Documentation Technique Service Dokumentation Documentazione di Servizio Huolte-Ohje Manual de Servicio Manual de Serviçio

Subject to modification

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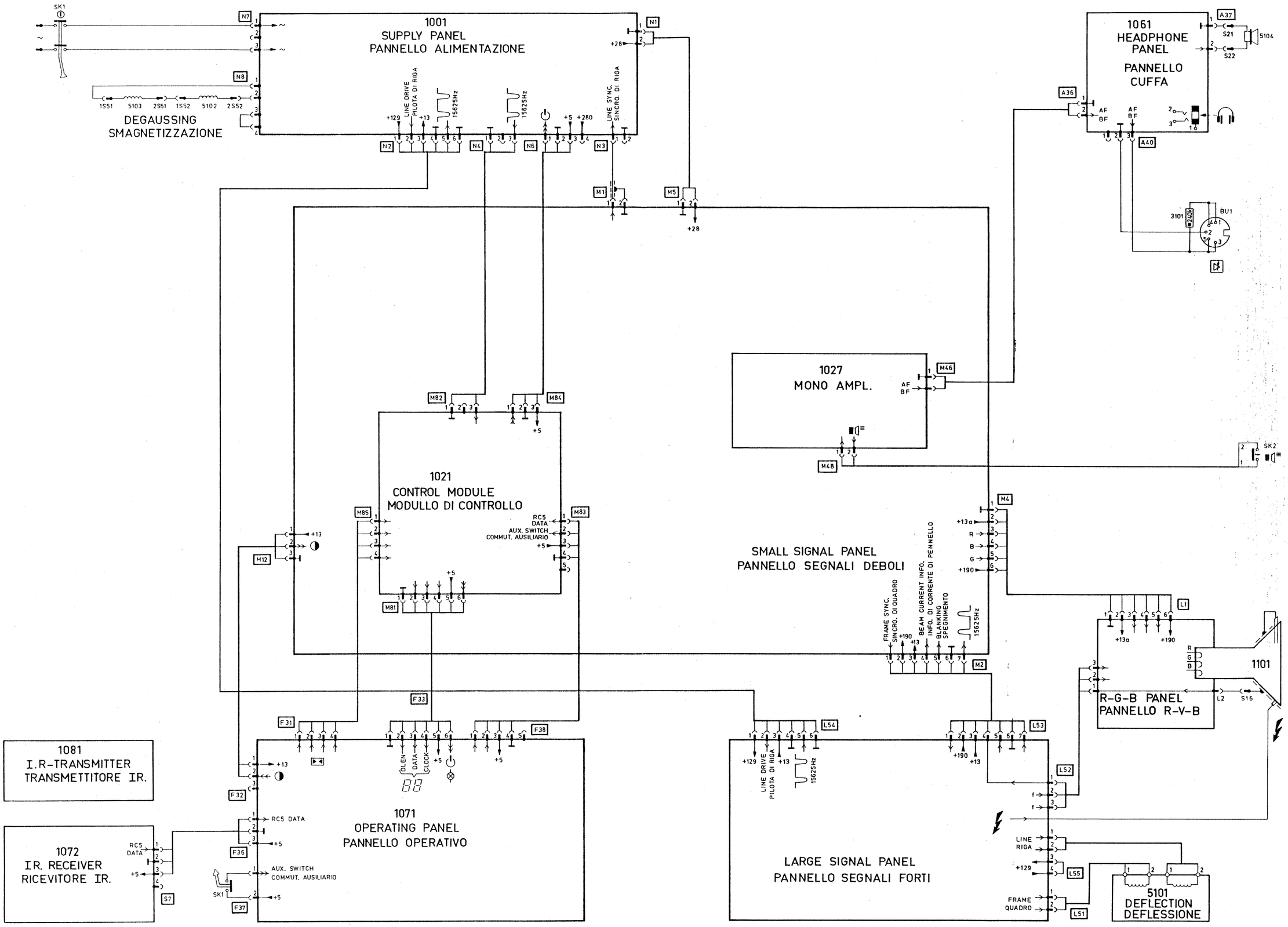
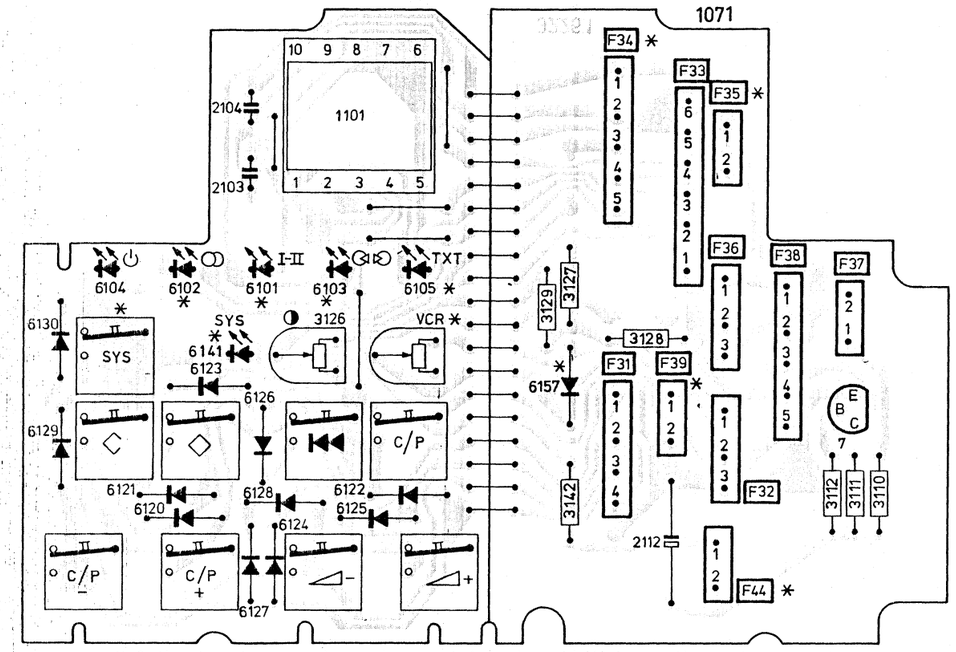
PHILIPS


SK1
N7
N8
1SS1
5103
2SS1
1SS2
5102
2SS2
DEGAUSSING
SMAGNETIZZAZIONE
1001
SUPPLY PANEL
PANNELLO ALIMENTAZIONE
N1
+28
LINE DRIVE
PILOTA DI RIGA
+129
+13
15625Hz
+5
+280
LINE SYNC.
SINCRO. DI RIGA
N2
N4
N6
N3
M1
M5
+28
1061
HEADPHONE
PANEL
PANNELLO
CUFFA
A37
S21
S22
5104
A36
A40
AF
BF
3101
Z404
BU1
1027
MONO AMPL.
M46
M48
SK2
M82
M84
+5
1021
CONTROL MODULE
MODULO DI CONTROLLO
M85
M83
RC5
DATA
AUX. SWITCH
COMMUT. AUSILIARIO
M12
M81
SMALL SIGNAL PANEL
PANNELLO SEGNALI DEBOLI
M4
+13a
R
B
G
+190
FRAME SYNC.
SINCRO. DI QUADRO
BEAM CURRENT INFO.
INFO. DI CORRENTE DI PENNELLO
BLANKING
SPEGNIMENTO
M2
L1
1101
R-G-B PANEL
PANNELLO R-V-B
L2
S16
F33
F31
F38
OLEN
DATA
CLOCK
F32
F36
F37
1071
OPERATING PANEL
PANNELLO OPERATIVO
1081
I.R-TRANSMITTER
TRANSMETTITORE IR.
1072
IR. RECEIVER
RICEVITORE IR.
S7
SK1
L54
L53
L52
L55
L51
LINE
RIGA
FRAME
QUADRO
LARGE SIGNAL PANEL
PANNELLO SEGNALI FORTI
5101
DEFLECTION
DEFLESSIONE
27354E2

OPERATING PANEL



* Optional parts (present or not present depends on kind of operating system)

28663 B4

Present parts	Mono	Stereo 1	Stereo 3
3101	X	X	X
3102		X	X
3103	X	X	X
3104		X	X
3105	X	X	X
3106		X	X
5101	X	X	X
5102		X	X
A	X	X	
B	X	X	
C	X		
A36	X		X
A37	X	X	X
A38		X	X
A39		X	
A40	X	X	X

HEADPHONE PANEL 1061

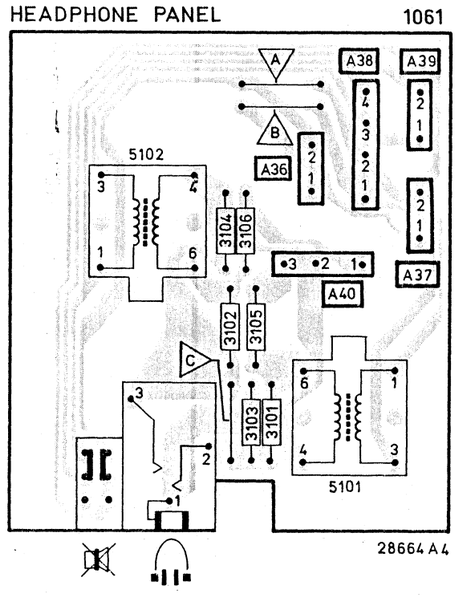


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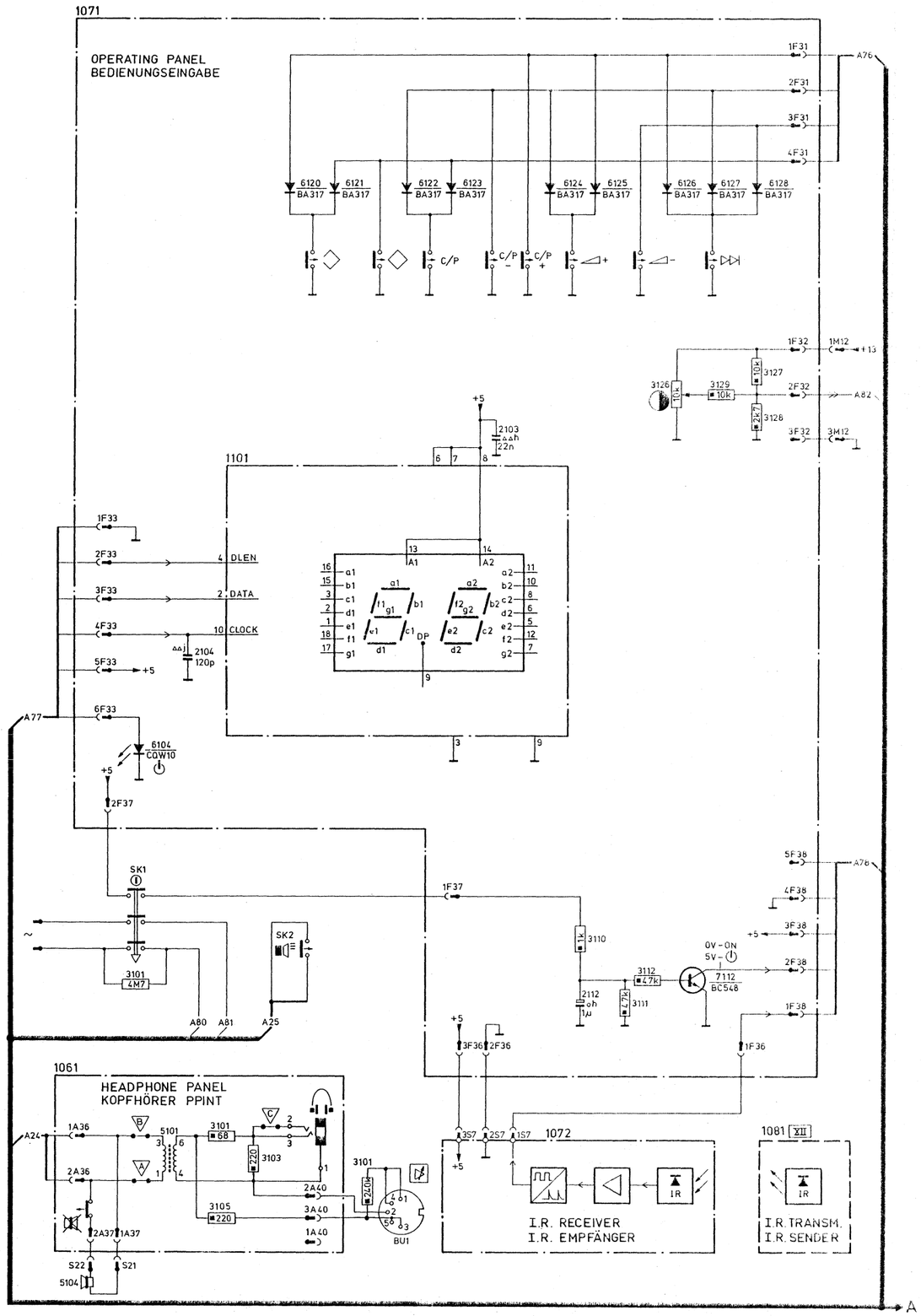
DIAGRAM-SCHALTBILD-SCHEMA B



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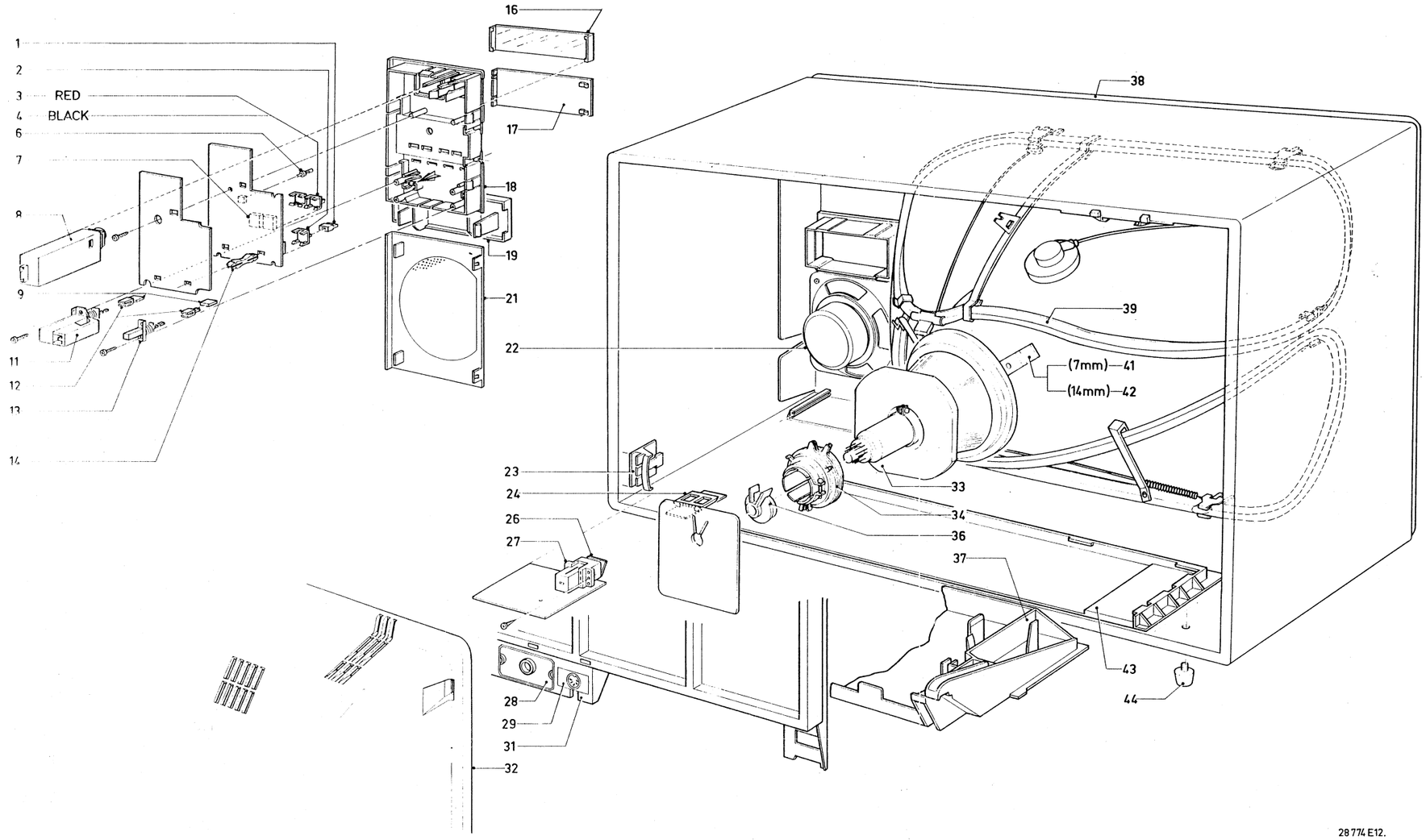

1	Knob	4822 411 60812
2	Coupling piece	4822 404 30527
3	Knob-red	4822 411 60772
4	Knob-black	4822 411 60771
6	Knob-contrast	4822 413 31039
7	Switch	4822 276 10799
8	Remote control receiver	4822 212 20753
9	Knob for SK1, SK2	4822 410 22668
11	Mainsswitch-SK1	4822 276 10781
12	Coupling piece	4822 410 22672
13	Switch-SK2	4822 276 10683
14	Spacer	4822 401 10751
16	Cover for display	4822 432 91009
17	Cover for knobs	4822 432 91011
18	Front	4822 459 60591
19	Cover	4822 432 91012
21	Grill for speaker	4822 458 30285
22	Loudspeaker AD44901/M15	4822 240 40137
23	Block fixing rear panel	4822 404 30415
24	Clamp for mains cable	4822 401 10719
26	Cover for headphone	4822 432 90986
27	Headphone socket	4822 267 30351
28	Aerial unit	4822 218 20276
28	Aerial unit for Germany	4822 267 10113
29	Socket BU1	4822 267 40201
31	Block	4822 466 91085
32	Rear panel	4822 438 20133
33	Deflection unit	4822 526 20083
34	Multipole unit	4822 150 10144
36	Valve holder	4822 255 70176
37	Holder for supply panel	4822 404 30526
38	Mask	4822 451 60077
39	Degaussing coil	4822 157 51361
41	Wedge - 7 mm	4822 462 40356
42	Wedge -14 mm	4822 462 40357
43	Frame for supply holder -37-	4822 432 10363
44	Table protector	4822 462 70698

28774 E12.

OPERATING PANEL - 1071

2 pins socket	4822 265 20172
3 pins socket	4822 265 30121
4 pins socket	4822 265 30119
5 pins socket	4822 267 40247
6 pins socket	4822 265 30117
2 pins plug	4822 266 20073
3 pins plug	4822 266 30071
4 pins plug	4822 266 30072
5 pins plug	4822 266 30075
6 pins plug	4822 266 30073
1101 display assy	4822 212 21165
2104 120 pF	4822 122 31685
3126 10 kΩ preset	4822 100 10327
BA 317	4822 130 30847
CQW10-RED	4822 130 31512
BC548	4822 130 40938

VARIOUS PARTS

1041	Aerial unit	4822 218 20276
1041	Aerial unit for Germany	4822 267 10113
1072	Remote receiver	4822 212 20753
1081	RC5140	4822 218 20267
1102	Multipole	4822 526 20083
5101	Deflection	4822 150 10144
5102	Degaussing	4822 157 51361
5103	Degaussing	4822 157 51361
5104	Loudspeaker	4822 240 40137
2093	4.7 nF-250 V	4822 121 20186
3093	4.7 MΩ-0,5 W	4822 110 42205
3101	4.7 MΩ-0,5 W	4822 110 42205

HEADPHONE PANEL 1061

2 pins socket	4822 265 20172
2 pins plug	4822 266 20073
Headphone plug	4822 267 30351
5101 transformer	4822 140 60233

Description Umschreibung	Pos	20CT4426/02	20CT4426/08	20CT4426/10
		See chapter/paragraph of basic manual SYSTEM 4 Siehe Kapitel/Paragraph der Grunddokumentation für SYSTEM 4		
General Allgemein		I-A/B/C	I-A/B/C	I-A/B/C
Mechanical instructions Mechanische Hinweise		II-A	II-A	II-A
Electrical instructions Elektrische Hinweise		II-B	II-B	II-B
Chassis data Chassis-Daten		III-A	III-A	III-A
Supply panel Speisungspaneel	1001	IV-A	IV-A	IV-A
Supply panel Speisungspaneel	1055	—	—	—
Tuner Kanalwähler	1022	V-A (UV414)	V-A (UV412)	V-A (UV416)
IF module ZF-Modul	1023	VI-A	VI-A	VI-A
Sound module Ton-Modul	1027	VII-A	VII-A	VII-A
Sound module Ton-Modul	1053	—	—	—
Control module Bedienungs-Modul	1021	IX-A	IX-A	IX-A
Interface module Interface-Modul	1028	—	—	—
Decoder panel Dekoderpaneel	1054	—	—	—
RC transmitter Fernbedienungssender	1081	XII-A (RC5140)	XII-A (RC5140)	XII-A (RC5140)
Repair method Reparaturmethode		XIII-A/B/C	XIII-A/B/C	XIII-A/B/C
System module System-Modul	1025	—	—	—
System module System-Modul	1029	—	—	—
Suitable for the reception of system Geeignet für den Empfang des Systems		PAL B-G-H	PAL B-G-H	PAL B-G-H